

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-188994

(43)Date of publication of application : 30.07.1993

(51)Int.Cl.

G10L 3/02  
G10L 3/00

(21)Application number : 04-018478

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(22)Date of filing : 07.01.1992

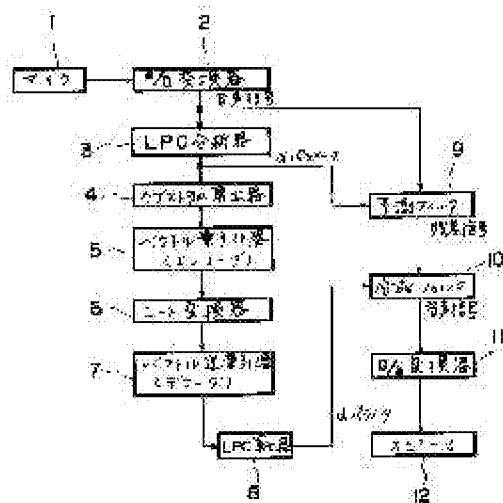
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## (54) NOISE SUPPRESSION DEVICE

### (57)Abstract:

PURPOSE: To provide the device of simple constitution which is low in cost by making an aimed speech and an aimed speech containing a noise correspond to codes according to probability and performing conversion into the aimed speech containing the noise.

CONSTITUTION: A code converter 6 refers to a code conversion table wherein the code bx of a noise-added speech and the code aj of the noiseless speech are made to correspond to each other according to the probability to convert a code, obtained by quantizing a cepstrum coefficient extracted from the noise- added speech into vectors by the vector quantizer 5, into the code of a speech wherein the noise of the noise-added speech is suppressed. A composing filter 10 regenerate a speech signal by using a linear prediction coefficient found from the code.



## LEGAL STATUS

[Date of request for examination] 28.12.1998

[Date of sending the examiner's decision of rejection] 22.05.2002

[Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]